

Braskem H 103 Extrusion Coating Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Description: H 103 is a high melt flow rate additivated homopolymer used for general purposes. The product exhibits excellent processing performance on injection moulding applications. Applications: Thin-walled packages for food and cosmetics; Toys; Household appliances; Sealed bottle caps; Compounds; Coating for raffia bags or big-bag. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-H-103-Extrusion-Coating-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D792
Melt Flow	40 g/10 min	40 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	101	101	ASTM D785
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus, 1% Secant	1200 MPa	174000 psi	ASTM D790A
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 °C	208 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ASTM D648
Vicat Softening Point	156 °C	313 °F	10 N; ASTM D1525

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